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## INTRODUCTION:

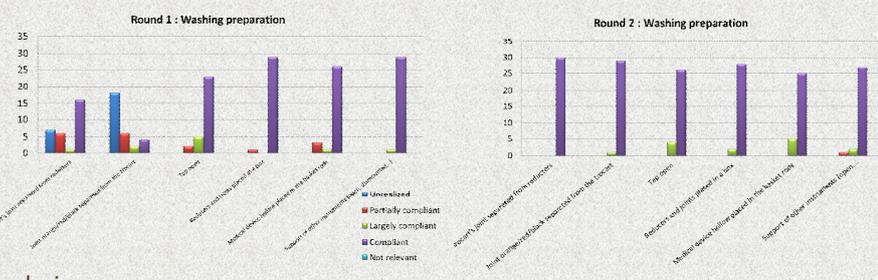
Our unit conducted an evaluation of technical skills of our associates regarding the management of laparoscopic instruments in sterilization.

## MATERIALS AND METHOD:

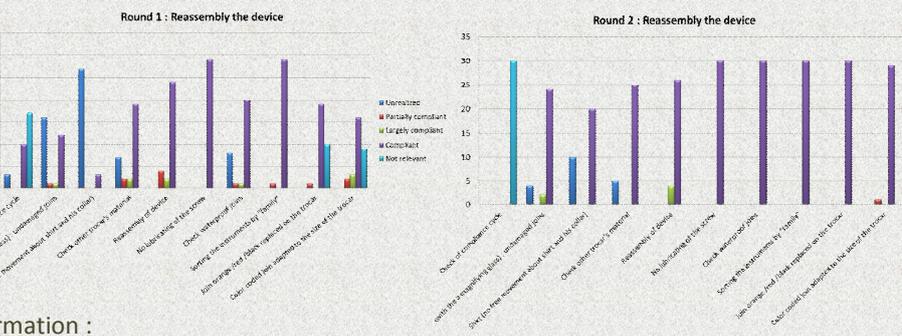
The manufacturer was contacted to gather information/recommendations as to how best reprocess its material. A questionnaire was developed to assess how devices were handled during the sterilization process. Reprocessing of 30 containers was evaluated (without any prior training of our personal). The basic theoretical knowledge was conducted a questionnaire (maximum grade: 10 points). Then, a training was provided, after which our associates were reevaluated (based on the same questionnaire). Another round of evaluation was carried out (30 containers) in order to ascertain that recommendations were appropriately implemented. At last, we asked feedback on the quality of the training

## RESULTS:

- Washing : Several deviations were observed.
  - Reducer's and trocar's joints were not dismantled in 47% and 87% of the cases respectively.
  - Tap's valve wasn't open in 23% of cases.
  - After the training, the observed percentages of conformity went up to 100, 97, 87% respectively.



- Reordering:
  - Visual control of joints was performed in only 40% of cases.
  - Absence of gap between parts of instrument was controlled in only 10% of cases.
  - Colored joints were replaced on trocars in a compliant manner in 63% of cases before the training.
  - These percentages went up to 80, 67 and 97% respectively at the second evaluation.



- Formation :
  - 24 agents were trained.
  - 18 responded to a satisfaction survey.
  - Impact of the training was positive (round 1: mean grade 6,70 ; round 2: mean grade 8,71).
  - 100% of our associates felt more competent after the training
  - 2/3 of them would feel comfortable handling a coelioscopic container on their own.

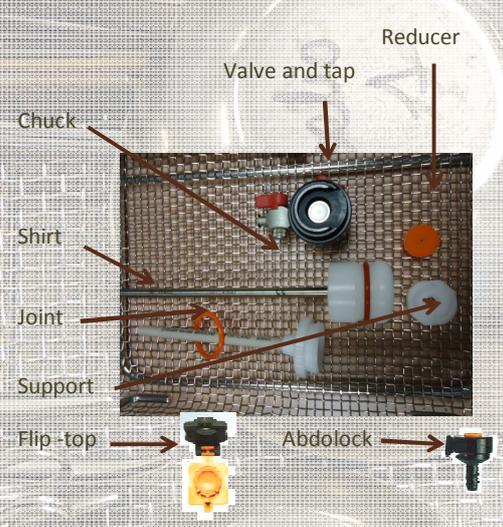
## DISCUSSION:

We noted :  
 - A minor improvements were observed at the reordering step.  
 - The quality of the washing and reassembling step were substantially improved.  
 - An improvement of the predisinfection step even if no specific training was given in that regard.  
 - Our personal feel more competent and valued the training.

## CONCLUSION:

This work allowed not only to improve the management of laparoscopic devices but also to identify 13 instruments which were not or not often used. These devices were removed from the containers, allowed at the same time a gain of productivity.

Are we talking about the same medical device?



Nom: \_\_\_\_\_ Prénom: \_\_\_\_\_ Nb année: \_\_\_\_\_

Questionnaire à destination des agents  
Formation trocart de coelio

1) Connaissez-vous le nom des DM? Placez les chiffres à côté des noms.

a) Embase à clapet  
b) Abdolock  
c) Réducteur  
d) Mandrin  
e) Flip top  
f) Chemise  
g) Support  
h) Joint

2) Faut-il démonter les réducteurs de leur support?  
 Oui, je le fais  Oui, mais je ne le fais pas tout le temps  Probablement oui  
 Je ne pense pas  Non  Ne sait pas

3) Joints doivent-ils être enlevé des trocars?  
 Oui, je le fais  Oui, mais je ne le fais pas tout le temps  Probablement oui  
 Je ne pense pas  Non  Ne sait pas

4) Savez vous qu'il existe une technique pour enlever facilement un joint?  
 Oui  Non

5) Faut-il graisser la vis de l'embase ?  
 Oui  Non  Ne sait pas

6) Peut-on avoir un jeu entre la chemise et son col ?  
 Oui  Non  Ne sait pas

7) A quel couleur correspond chaque taille de chemise / trocart?  
 a) Rouge 1) Ø 5 mm  
 b) Orange 2) Ø 10 mm  
 c) Noir 3) Ø 12 mm

8) Le robinet de la valve doit être en position 1 avant de passer  
 - dans le laveur désinfecteur:  Oui  Non  Ne sait pas  
 - dans le stérilisateur:  Oui  Non  Ne sait pas